

PEAVEY®

Ecoustic ATS™
Operating Guide



M A D E I N U S A

Peavey Electronics. A blend of fine traditional craftsmanship and leading-edge technology. A leader in American-made musical instruments and equipment for over a quarter of a century.

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Introduction

Thank you for buying the Peavey Ecooustic™ ATS guitar. This guitar was built by the most skilled craftsmen and made from the finest materials available. As with all of our musical equipment, we have built our guitars using a combination of leading-edge technology and traditional hand-crafted methods. Ask your Peavey dealer for a full list of other Peavey musical equipment and accessories.

Features

Poplar back and sides, Maple top
Rock maple neck with rosewood fingerboard
25 1/2" scale length
22 frets
Creme body binding
Graphlon™ topnut and bridge saddle
Peavey Ecooustic ATS Tremolo System
One volume control
3-band equalizer with low-impedance output
Single cutaway with angled heel
Chrome hardware
Bound, oval soundhole

Construction

Body

The body of this instrument features a maple top, and the back and sides are constructed of solid poplar. A single cutaway with an angled heel permits access to the highest frets. The instrument features our polyester/urethane finish which is mar- and weather-resistant.

Neck

The select rock maple neck is crafted to provide unmatched rigidity and freedom from warpage. Additional reinforcement is provided with a steel torsion rod. The adjustable torsion rod features rolled threads for improved strength and minimal breakage. (See Adjustments – Torsion Rod, for adjustment instructions.)

Controls

Volume

The volume slider controls the total signal level delivered from the pickup to the output jack. Sliding the control upwards, towards 10, increases the volume; sliding it down, towards 0, decreases the volume.



Low

The low slider is centered at 100 Hz and offers +12 dB boost (up) and -12 dB cut (down).

Mid

The mid slider is centered at 1 kHz and offers +12 dB boost (up) and -12 dB cut (down).

High

The high slider is centered at 3 kHz and offers +12 dB boost (up) and -12 dB cut (down).

Battery

The preamplifier is powered by a 9-volt battery (not included) accessible in the battery compartment on the back of the instrument.
Note: Heavy-duty or alkaline batteries are recommended for reliability and long battery life. Low battery voltage will result in

“fuzzy” or distorted sound, especially with higher tone and volume settings.

Note: Peavey Electronics assumes no responsibility for damage resulting from a leaking or defective battery. Power is supplied to the preamplifier when a standard (mono) guitar cable is connected to the instrument. To ensure the longest battery life, be sure to disconnect any cable from the instrument when it is not in use.

Adjustments

Your instrument has been carefully adjusted for accurate intonation and playing ease at the Peavey factory. However, your playing style or playing requirements may necessitate additional adjustments. These adjustments should be made by your Peavey dealer; however, with a little care and by adhering closely to the following instructions, you may attempt these adjustments yourself.

Please read the instructions thoroughly before attempting any adjustments.

Torsion Rod

All guitar necks have a slight amount of bow to keep the strings from “buzzing” on the frets. To set the “straightness” of the neck, use a Peavey torsion-rod wrench.

1. Tune the instrument to standard (A-440) pitch.
2. Fret the sixth string (E) at the first and last frets.
3. Check for clearance between the string and the eighth fret.
4. Clearance should be no less than .012" and no more than .025".
5. To increase clearance, loosen (counterclockwise) the torsion-rod nut. Less clearance (straightening of the neck) is accomplished by tightening (clockwise) the nut.

Caution: It is not usually necessary to rotate the torsion rod nut more than one full turn in either direction. 1/4 to 1/2 turn is usually sufficient. Excessive rotation may cause damage to the neck and torsion rod. If excessive force is necessary to rotate the torsion rod nut, you should consult your Peavey dealer or the factory before any further adjustment.

6. Repeat steps 1–5 until proper clearance has been achieved.

Neck Tilt

The neck-tilt adjustment is used to set the overall string playing height. This adjustment should be used whenever possible to set string height.

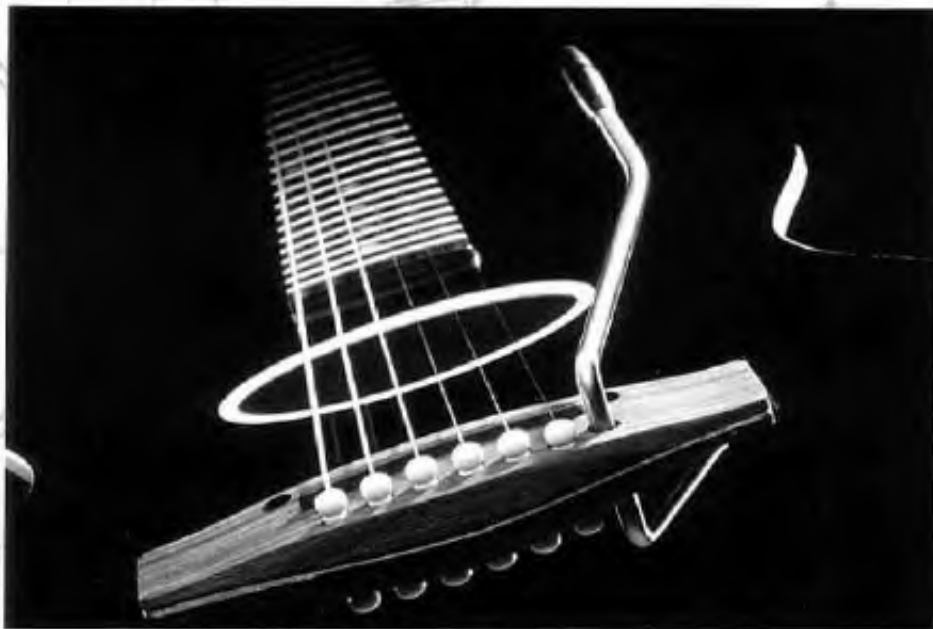
1. Relieve string tension slightly by detuning the instrument (approximately 1–2 whole steps).
2. Loosen two neck screws (closest to the headstock) approximately 1 turn.
3. Loosen remaining two neck screws (closest to the bridge) approximately 2 turns.
4. String height may now be adjusted with the neck-tilt screw, which is located inside the fifth hole in the neck plate. A 1/8" allen wrench is used to make this adjustment. Turning the screw clockwise lowers the strings closer to the fingerboard. String height should be adjusted to fit your own particular playing style. It should be noted that setting the string height too low will result in excessive string buzz and rattle, especially with a "heavier" playing technique. Excessively high action will result in intonation problems and decreased playability.
5. After adjustment, securely tighten all four neck screws.
6. Re-tune your instrument to standard pitch. Check strings for correct height and playability. If necessary, repeat steps 1–5 until the action is set properly for your playing style.

Tremolo Bridge

Your Ecoustic ATS tremolo has been carefully adjusted for action, playing ease and pitch change. Your instrument has been supplied from the factory with high quality Peavey Bronze Balanced strings and set up accordingly. Should the unit require adjustments, first read the following instructions carefully.

To adjust your Ecoustic ATS tremolo properly, you must first understand the operating principle.

This tremolo features a rosewood bridge, a steel bridge plate and a massive inertia block for maximum sustain. The Graphlon™ saddle minimizes friction and offers maximum durability and freedom from wear. Adjustable springs allow easy operation with accurate "return to pitch."



Bridge Height

Bridge height may be adjusted by means of the bridge pivot bolts. Turn the pivot bolts clockwise to reduce bridge height. Turn the pivot bolts counterclockwise to increase bridge height.

Note: Correct bridge-height adjustment is necessary to ensure proper operation of the tremolo system. It is recommended that all string-height

adjustments be made by means of the neck-tilt adjustment feature and that you do not change the bridge-height from the factory setting.

Bridge Balance

The balance of the tremolo bridge is set by adjusting the tension screws holding the spring claw in place. To gain access to the spring claw and spring claw screws, remove the spring cover on the back of the guitar.

Care for your instrument

This is a high-quality musical instrument constructed from the finest materials, using the most up-to-date production methods. With reasonable care, it should provide many years of service and outstanding playability.

Temperature and Humidity

It is important to protect your instrument from any extreme or sudden changes in temperature or humidity. When not in use, it is best to store the instrument in its case.

Strings

Your instrument comes from the factory with high-quality Peavey strings. String life may be greatly extended by frequent cleaning with Peavey string cleaner. Dirt and perspiration tend to build up on the underside of the strings, so it is often necessary to slide a rag between the strings and the fingerboard. Dirt-laden strings cause tuning and intonation problems, as well as rust and corrosion.

For optimum performance, strings should be changed approximately once a month, or about every twenty-four hours of playing. Some players prefer to change strings more often.

Finish

Your instrument has a polyester/urethane finish that is both durable and weather-resistant, but requires care. Regular cleaning with Peavey guitar polish is recommended. Between polishes, the instrument should be wiped with a dry, soft cloth.

Accessories

Peavey offers a full line of accessories for your instruments. Cases, amplifiers, strings, polishes, straps and more are all available from a Peavey dealer near you.



Peavey Guitar One-Year Limited Warranty/Remedy

PEAVEY ELECTRONICS CORPORATION ("Peavey") warrants this guitar to be free from defects in material and workmanship for a period of one year from date of purchase. PROVIDED, however, that this limited warranty is extended only to the original retail purchaser and is subject to the following conditions.

Conditions, Exclusions, and Limitations of Limited Warranty

This limited warranty shall be void and of NO EFFECT if:

1. The first purchase of the product is for the purpose of resale; or
2. The original retail purchase is not made from an AUTHORIZED PEAVEY DEALER; or
3. The product has been damaged by accident or unreasonable use, neglect, improper service or maintenance, or other causes not arising out of defects in material or workmanship.

This Limited Warranty shall not extend to or cover guitar strings. Replacement of guitar strings is deemed to be reasonable and necessary maintenance.

Purchaser's exclusive remedy for breach of this limited warranty is repair of the defect or replacement of the guitar, at the option of Peavey. Service work may be performed by any Peavey Authorized Service Center or, if the service center is unable to provide the necessary warranty service, you will be directed to the nearest Peavey Authorized Service Center which can provide such service. Or... you may return the guitar, postage prepaid and insured, along with a description of the problem, proof of purchase, and a complete return address to:

PEAVEY ELECTRONICS CORPORATION
International Service Center
Hwy. 80 & 11-East
Meridian, MS 39301

If the defect is remedial under this warranty, and the other terms and conditions expressed herein have been complied with, Peavey will repair or replace the product and return it, freight collect, to the purchaser. Other than the postage and insurance requirement, no charge will be assessed for such repair or replacement.

The liability of Peavey to the purchaser for any cost whatsoever, and regardless of the form of action, whether in contract or in tort, including negligence, shall be limited to actual damages up to an amount equal to the purchase price of the product or \$500.00.

Under no circumstances will Peavey be liable for any lost profits, any incidental damages, or any consequential damages resulting from the use of or inability to use the guitar, even if Peavey has been advised of the possibility of such damages.

The foregoing limitation of remedy will not apply to the payment of cost and damage awards for personal injury or damage to real property or tangible personal property caused by negligence on the part of Peavey.

This limited warranty is in lieu of any and all warranties, expressed or implied, including but not limited to, implied warranties of merchantability and fitness for a particular use; provided, however, that if the other terms and conditions necessary to the existence of the expressed limited warranty, as hereinbefore stated, have been complied with, implied warranties are not disclaimed during the one-year period from date of purchase of this product.

Some states do not allow limitation on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

This limited warranty is the only expressed warranty on this guitar, and no other statement, representation, warranty or agreement by any person shall be valid as to or binding upon Peavey.

The warranty registration card and a legible copy of the proof of purchase supplied to you by the authorized Peavey dealer in connection with your purchase of this guitar should be accurately completed, mailed to, and received by Peavey within fourteen (14) days from the date of your purchase.

Should notification become necessary for any condition that would require correction, the registration card will help ensure that you are contacted and properly notified.

If you move from the address shown on the warranty registration card, you should notify Peavey of the change of address to facilitate receipt of any bulletins or other forms of notification which may become necessary in connection with any condition that may require dissemination of information or correction.

The warranty /registration card and subsequent notices of change of address should be mailed to:

Peavey Electronics Corporation
Attn: Warranty Dept.
P.O. Box 2898
Meridian, MS 39302-2898

In the event any modification of disclaimer of expressed or implied warranties or any limitation of remedies contained herein conflicts with applicable law, then such modification, disclaimer or limitation, as the case may be, shall be deemed to be modified to the extent necessary to comply with such law.

The limited warranty is given by Peavey Electronics Corporation with respect to equipment purchased in the United States of America.

Warnings

- All amplification accessories, microphones, mixers, etc., must be properly grounded and should be utilized with a 3-wire mains system in order to prevent electrical shock.
- Do not come into contact with other electrical apparatus when playing (or touching) your instrument. The metal parts of this instrument are grounded according to proper and accepted industry practice, but it is possible to encounter an electrical shock when coming into contact with another electrical apparatus if it has improper grounding facilities.
- Do not use improper or poorly designed guitar straps or other means of support. Possible injury could result if improper, inferior, ill-fitting, or worn out straps are used. The instrument could possibly fall, causing bodily injury or damage to the instrument or associated equipment if the holding devices fail for any reason.
- Guitar strings are made from very strong steel alloys. They are designed to be used under tension and, under certain conditions, they may break and spring away from the guitar. Do not tune or play this instrument with your face in close proximity to the strings, as serious injury could result if a string should break.
- Bass guitar strings are under considerable tension when they are tuned to concert (A-440) pitch. Exercise extreme care when tuning (especially above concert pitch) or when employing string bending or "popping" playing techniques. The possibility of string breakage and personal injury exists under these conditions.

Note

The patch cord between the guitar and the amplifier is an extremely important link for optimum performance. A high-quality, well-shielded cord should be used in this application.



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#80302106

PRINTED IN USA 9/95